#### Certificate of Mailing

Thereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on May 20, 2002.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Qiu

Group Art Unit: TBA

Serial No.: 09/892,187

**Examiner: TBA** 

Filed: June 26, 2001

Date: May 20, 2002

For: LONG RANGE PREDICTION

OF FADING SIGNALS FOR

Attorney Docket: 4648-105

WCDMA HI SPEED DOWNLINK:

RECEIVED

PACKET ACCESS (HSDPA)

JUN 0 4 2002

Commissioner for Patents Washington, D.C. 20231

Technology Center 2600

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the rules relating to the duty of disclosure, 37 CFR §1.56 and §1.97. applicants submit herewith Form PTO-1449 and copies of the references listed therein.

Applicants believe that no fee is due at this time. If, however, a fee is deemed due, authority is hereby given to charge such fee to Deposit Account No. 13-2165.

Consideration and entry of these references is respectfully requested.

### CERTIFICATION PURSUANT TO R. 1.98(e)

I hereby certify that each item of information contained in this Information Disclosure Statement if cited in a communication in a counterpart international application was cited not more than three months prior to the filing of this statement.

- Respectfully submitted

David P. Krivoshik Reg. No. 39,258

Attorney for Applicant

MATHEWS, COLLINS, SHEPHERD & MCKAY, P.A.

100 Thanet Circle, Suite 306

Princeton, New Jersey 08540-3662

Telephone:

609-924-8555

Facsimile:

609-924-3036

E-mail:

DKrivoshik@MathewsLaw.com



#### COPY OF PAPERS ORIGINALLY FILED

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE ction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449AVFTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

| Complete if Known      |               |             |
|------------------------|---------------|-------------|
| Application Number     | 09/892,187    | <del></del> |
| Filing Date            | June 26, 2001 | -           |
| First Named Inventor   | Qiu           |             |
| Group Art Unit         | TBA           | ***         |
| Examiner Name          | TBA           | <del></del> |
| Attorney Docket Number | 4648-105 US   |             |

|                     |              | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS   |     |
|---------------------|--------------|---|-----|
| Examiner Initials * | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|                     | 1            | JEREMIAH F. HAYES, Adaptive Feedback Communications, IEEE Transactions on Communication Technology, Vol. 16-1, February 1968, pages 29-34   |     |
|                     | 2            | JAMES K. CAVERS, Variable-Rate Transmission for Rayleigh Fading Channels, IEEE Transactions on Communications, Vol. 20-1, February 1972, pages 15-22  |     |
|                     | 3            | VILJO O. HENTINEN, Error Performance for Adaptive Transmission On Fading Channels, IEEE Transactions on Communictions, Vo. 2209, September 1974, pages 1331-1337  |     |
|                     | 4            | ALEXANDRA DUEL-HALLEN, SHENGQUAN HU AND HANS HALLEN, Long-Range Prediction of Fading Signals, IEEE Signal Processing Magazine, May 2000, pages 62-75  |     |
|                     |              |   |     |
|                     |              | RECEIVED  |     |
|                     |              | JUN 0 4 2002  | _   |
|                     |              | Technology Center 2600  |     |
|                     |              |   | -   |
|                     |              |   |     |
|                     |              |   |     |

| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**~** 

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.